

THERMEQ

ENGINEERING SERVICE REQUEST

Item No.	Quantity	Services Offered	Description
<u>Vibration Analysis</u>			
1	<input type="text"/>	Fans Recirculating Fans -	Computer integrated, multi-axis vibration analysis.
2	<input type="text"/>	Blowers Blowers -	Computer integrated, multi-axis vibration analysis.
3	<input type="text"/>	Rolls Rolls & Bearings -	Computer integrated, multi-axis vibration analysis.
<u>Other Analysis</u>			
4	<input type="text"/>	Zones Wind and Air Flow -	Detailed report of plenum air flow and velocity data.
5	<input type="text"/>	Lehrs/Ovens Belt Tracking -	Track and log belt data. Make adjustment suggestions based on data taken.
6	<input type="text"/>	Zones Heating Capacity -	Analyze the heating capacity of equipment. Make suggestions of changes required.
7	<input type="text"/>	Lehrs/Ovens Drive and Conveyor Capacity -	Inspect, size, and calculate maximum capacity of conveyor rolls and/or skid bars.
8	<input type="text"/>	Lehrs/Ovens Structural Capacity -	Inspect, size, and calculate maximum capacity of structural components.
9	<input type="text"/>	Tubes Pollutant Analysis -	Computer assisted pollutant analysis on radiant tube systems normally used for reporting emissions to the EPA.
<u>Tune-ups</u>			
10	<input type="text"/>	Burners Radiant Tube Fired Burners -	Set air and gas ratio to run safely and on ratio. Use a combustion analyzer to ensure proper ratio. We suggest that this item be done in conjunction with item #18.
11	<input type="text"/>	Burners Direct Fired Burners -	Set air and gas ratio to run safely and on ratio. We suggest that this item be done in conjunction with item #18.
12	<input type="text"/>	Elements Electrically Heated -	Check for damaged or broken heating elements. Check controls for proper calibration.

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<u>Inspections</u>			
13	<input type="text"/>	Zones	External Inspection - Inspect casings and structural members for fatigue and deterioration.
14	<input type="text"/>	Zones	Internal Inspection - Inspect plenums, liners, skids and structural members for fatigue and deterioration.
15	<input type="text"/>	Fans	Fan Inspection - Inspect fan for excessive vibration, belt tension and wear, and bearing noise.
16	<input type="text"/>	Blowers	Blower Inspection - Inspect blower for excessive vibration, belt tension and wear, and bearing noise.
17	<input type="text"/>	Rolls	Drive & Roll Inspection - Check drive for ease of operation and check rolls for movement, wear, and cracks.
18	<input type="text"/>	Zones	Combustion System - Inspect linkages, regulators, pressure switches, valves, ignition system, dampers, and safety valves for proper operation.
19	<input type="text"/>	Zones	Control System - Check controllers for proper calibration and operation. Also, check status and indicating lights.
<u>Training</u>			
20	<input type="text"/>	Groups	Burner Adjustment & Set-up - A one day session of classroom and hands on training (1 group per day).
21	<input type="text"/>	Groups	Controls - A one day session of classroom and hands on training (1 group per day).
22	<input type="text"/>	Groups	Maintenance - A one day session of classroom and hands on training (1 group per day).

Other Engineering Capabilities

THERMEQ provides a wide range of capabilities not listed above. They include, but are not limited to, the following:

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|---------------------------------------|-----------------------------------|
| ● Providing On Site Labor | ● Retrofitting Existing Equipment |
| ● Drawings and/or Engineering Studies | ● Providing New Equipment |

For more information regarding the above mentioned items or an item that is not listed please contact THERMEQ.



CORPORATE OFFICE AND FACTORY

1070 Disher Drive Waterville, Ohio 43566

Tele: (419) 878-4400 Fax: (419) 878-4455

WWW.THERMEQ.COM